

**FILE 'USPAT' ENTERED AT 16:16:18 ON 25 APR 1999**

L1 971 (LIPASE# OR CELLULASE# OR LYASE# OR AMYLASE#) (10A) PROCESS  
L2 16 (LIPASE# OR CELLULASE# OR LYASE# OR AMYLASE#) (10A) (EPITOPE  
OR (ANTIGEN## (4A) DETERMINANT#))  
5 L3 7 L1 AND L2  
L4 812661 FY>1990  
L5 2 L3 NOT L4  
L6 14 L2 NOT L5  
L7 3 L2 NOT L4  
10 L8 1 L7 NOT L5  
L9 22 (LIPASE# OR CELLULASE# OR AMYLASE# OR LYASE#) (16A) (EPITOPE#  
OR (ANTIGEN## (4A) DETERMINANT#))  
L10 5 L9 NOT L4  
L11 2 L10 NOT L7  
15 L12 650 (LIPASE# OR AMYLASE# OR CELLULASE# OR LYASE#) (L) (EPITOPE# OR  
((ANTIGEN## OR IMMUNOGEN##) (4A) DETERMINANT#))  
L13 115 L12 NOT L4  
L14 3 L13 AND L1  
L15 1408 (LIPASE# OR AMYLASE# OR LYASE# OR CELLULASE#) (20A) PROCESS  
20 L16 22 L15 AND L12  
L17 4 L16 NOT L4  
L18 1 L17 NOT L14

**=> d L5 ti,fd,pd,ccls 1-2**

25 US PAT NO: 5,187,068 [IMAGE AVAILABLE] L5: 1 of 2  
TITLE: Method for determination of lipid moiety and apolipoprotein expressed epitope  
immunoreactivity on intact lipoprotein

**DATE FILED: Jun. 9, 1989** . **DATE ISSUED: Feb. 16, 1993**

US-CL-CURRENT: 435/7.92, 7.1, 7.9, 7.94, 11; 436/518, 528, 531, 824

30 US PAT NO: 4,945,043 [IMAGE AVAILABLE] L5: 2 of 2

TITLE: Process and reagent for the determination of .alpha.-amylase

**DATE FILED: May 15, 1987** **DATE ISSUED: Jul. 31, 1990**

US-CL-CURRENT: 435/7.4, 22, 70.21, 188, 810, 975; 436/537, 548

**=> d L8 ti,fd,pd,ccls 1**

35 US PAT NO: 4,757,001 [IMAGE AVAILABLE] L8: 1 of 1

TITLE: Method of measuring biological ligand by utilizing amylase

**DATE FILED: Feb. 8, 1985** **DATE ISSUED: Jul. 12, 1988**

US-CL-CURRENT: 435/5, 7.23, 7.32, 7.8, 22, 184, 188, 201

**=> d L11 ti,fd,pd,ccls 1-2**

40 US PAT NO: 4,877,746 [IMAGE AVAILABLE] L11: 1 of 2

TITLE: Methods of carrying out assays for lipoproteins and apolipoproteins

**DATE FILED: Apr. 21, 1987** **DATE ISSUED: Oct. 31, 1989**

US-CL-CURRENT: 436/518; 435/7.7, 7.72, 7.9, 7.92; 436/536, 543, 804, 815, 825

US PAT NO: 4,746,604 [IMAGE AVAILABLE] L11: 2 of 2

45 TITLE: Specific binding assays utilizing a viable cell as a label

**DATE FILED: May 24, 1985** **DATE ISSUED: May 24, 1988**

US-CL-CURRENT: 435/7.2, 5, 7.21, 7.22, 7.23, 7.31, 7.32, 7.5, 29, 34, 39, 177, 810, 881

**=> d L18 ti,fd,pd,ccls 1**

50 US PAT NO: 4,560,651 [IMAGE AVAILABLE] L18: 1 of 1

TITLE: Debranching enzyme product, preparation and use thereof

**DATE FILED: Oct. 18, 1982** **DATE ISSUED: Dec. 24, 1985**

US-CL-CURRENT: 435/95, 96, 98, 210, 252.5, 832

**=> log y** U.S. Patent & Trademark Office LOGOFF AT 16:41:10 ON 25 APR 1999